

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-7 (canceled)

Claim 8 (currently amended): A polishing apparatus ~~according to claim 1~~ for polishing a workpiece by utilizing a fluid including abrasive particles having a dielectric property, comprising:

an electrode configured to apply processing pressure to the abrasive particles on the workpiece and having a plurality of electrode elements configured to collect and arrange the abrasive particles by a Coulomb force produced by application of an alternating-current voltage to the electrode; and

a driving device for driving the electrode,

wherein the electrode comprises a cylindrical electrode having a film-shaped conductor and an insulative layer that are wound around a spindle so that the conductor and insulative layer are alternated around the spindle.

Claims 9-15 (canceled)

Claim 16 (currently amended): A polishing apparatus according to claim 8, further comprising an insulative tube used to supply ~~[[a]]~~ the fluid containing a dispersion of said abrasive particles to the workpiece and electrodes provided around the insulative tube to adjust fluid flow from the insulative tube.

Claims 17-20 (canceled)

Claim 21 (currently amended): A method ~~according to claim 17~~ of polishing a workpiece, comprising:

supplying a fluid including abrasive particles having a dielectric property to the workpiece;

providing an electrode configured to apply processing pressure to the abrasive particles on the workpiece and having a plurality of electrode elements configured to collect the abrasive particles; and

applying an alternating-current voltage to the electrode to produce a Coulomb force,

wherein said providing includes providing a cylindrical electrode having a film-shaped conductor and an insulative layer by winding the film-shaped conductor and the insulative layer around a spindle alternately.

Claim 22 (currently amended): A method according to claim [[17]] 21, further comprising:

providing an insulative tube configured to supply [[a]] the fluid containing a dispersion of the abrasive particles to the workpiece; and

providing electrodes around the insulative tube to adjust fluid flow from the insulative tube.